

I. FLOW BASE EVALUATION



A. Summary

Previous Permit Flow Base	New Flow Base	Effective Date
5000 gpd	5000 gpd	6/1/2013

There is no significant change in the discharge flow; therefore, the previous permit flow base remains effective for this permit.

B. Flow Base Calculation

The flow base should represent actual discharge from the facility assuming that appropriate wastewater controls, that prevent excessive use of water or dilution, are in place. Excessive use of water to dilute wastewater discharge as partial or complete substitute for treatment to achieve compliance, or to establish an artificially high flow rate to increase permit mass emission limits is prohibited by OCS&D's Ordinance.

Generally, the flow base is derived based on any or combination of the following information:

- *Statistical average, trend and projection of historical flow data. These data may be considered not representative if there are indications of dilution or excessive water use.*
- *Flow estimate based on volumetric flow rates from wastewater generating processes for new facilities where historical data are not available, or for existing facilities with excessive water usage where historical data are not representative. Typically, acceptable rinse flows from metal finishing facilities range from 3 to 5 gpm.*
- *Other factors, such as the most recent representative flows and current information relevant to the determination of the flow base.*

The following flow information was used in determining the flow base by assigning corresponding weights commensurate to the relevance and accuracy of the flow data:

Basis of Flow	Historical Flows Based on last 3 year's data (GPD)	Net Weighted Flow (GPD)	Weight %	Justification
Onsite Sampling Average Flow	3900	3800	50	Onsite flow determination method is acceptable; (incoming flow measurement with reasonable losses). Onsite Sampling data are acceptable based on reasonable water usage (not inflated); acceptable water reduction controls in place. Data points show an average scatter (as opposed to increasing/decreasing trend).
Onsite Sampling Projected Flow	3430			Data points show more of an average trend rather than an increasing/decreasing trend.

Reconciliation Average Flow	6230	6400	50	Recon flow estimation method is acceptable; (incoming flow measurement with reasonable losses). Reconciliation data are acceptable based on reasonable water usage (not inflated); acceptable water reduction controls in place. Data points show an average scatter (as opposed to increasing/decreasing trend).
Reconciliation Projected Flow	6900			Data points show more of an average trend rather than an increasing/decreasing trend.
Estimated Flow (based on the number of rinses)			N/A	
Most Recent Flow			N/A	
Other Factors			N/A	
Final Flow Base (GPD)		5000	100	

GPD = gallons per day

C. Basis for Deriving Flow Base

◆ Data Sets Excluded from Evaluation

Not applicable.

◆ Data Points Excluded from Evaluation

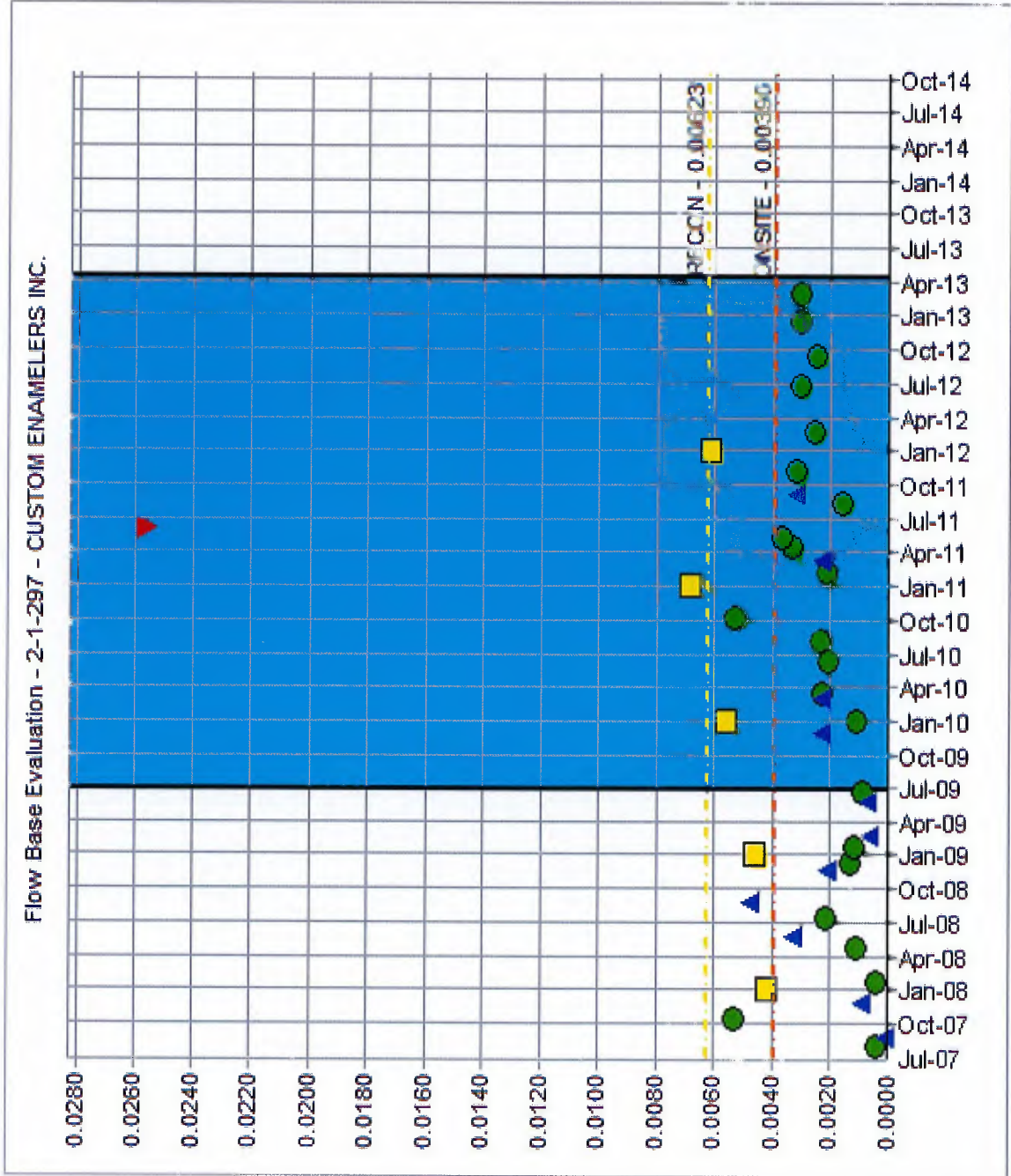
Typically all flow data is representative of the production discharge on the day that the samples collected. However, on occasion, the recorded daily effluent flow volume exceeds the range of measured effluent flow over the entire review period. These data are excluded from consideration in the final flow base determination for the reasons specified below.

Sample Date	Flow, gpd	Sample Type		Reason
		OCSD	SMR	
6/7/2011	25,600		√	Potential Outlier Exclusion Test: Lower: 0 Upper: 0.0195

◆ Average and Projected Flows

Fiscal Year	Onsite Sampling Flows, gpd												Reconcilia- tion Flow, gpd
	MRF			OCSD			SMR			OCSD+SMR			
	High	Ave	Low	High	Ave	Low	High	Ave	Low	High	Ave	Low	
2009-2010				2,300	1,800	1,100	2,300	2,300	2,300	2,300	2,000	1,100	5,600
2010-2011				5,300	3,400	2,200	2,300	2,300	2,300	5,300	3,200	2,200	6,900
2011-2012				3,200	2,600	1,600	3,200	3,200	3,200	3,200	2,700	1,600	6,200
Overall Average Flow											3,900		6,230
Projected Flow													
Projection Date													

◆ Plot of all Data Sets Considered



♦ Plot of Most Recent Flows

Not applicable.

II. EFFLUENT DISCHARGE CONFIGURATION



Effluent discharge from a permittee must be accurately measured for two purposes. The effluent volume from the production process is used to calculate mass emission rates which determine compliance with Wastewater Discharge Limits. Industrial effluent volume from the facility is also used to calculate sewerage use fees. For both end results, it is imperative that a meter is appropriately located in the supply water line or effluent line. In some cases multiple meters may be installed at the location; however, only one meter type may be used for measuring effluent for Wastewater Analysis Report and/or User Charges.

At Custom Enamelers the following meters are installed but may not be in active service:

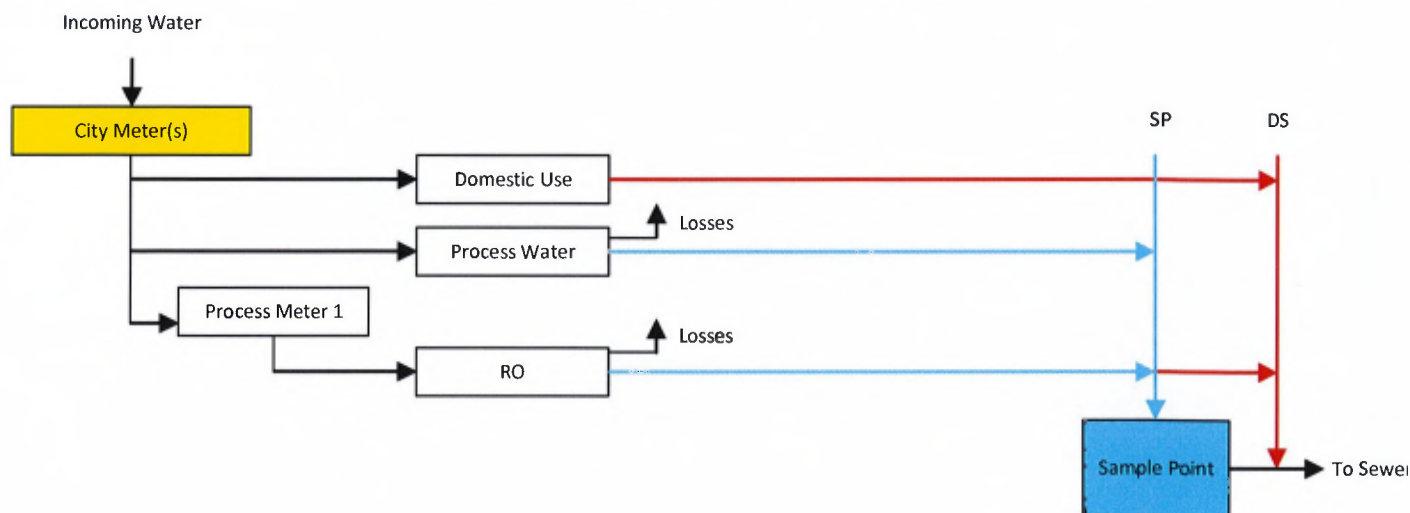
Meter	Meter ID	Units	Location
City Meter	7137073019	CF	South front corner of facility.
Process Meter	2-01087	G	R.O. unit
Process Meter	2-00237	CF	Adjacent to the outdoor wash pad.
Process Meter	2-00236	G	Inside the building, adjacent to the automatic cleaning line.

These meters are active at the facility described by the schematic in Figure 1 (see below).

Company name: CUSTOM ENAMELERS INC.

Permit No: 2-1-297

Waste/Wastewater Flow Diagram as of 6/1/2013



Comments : There is a second process meter located outside next to the concrete wash pad. It measures the water indicated as process water through the city meter.

Although Custom Enamelers may discharge commingled wastewater from dilution and manufacturing processes through the industrial sample point, the dilution streams in this case are regarded as having insignificant volume. Therefore, the CWF will not be used to compute alternate discharge limits this permit cycle.

A. DECLARATION OF ACCEPTABLE METER(S)

For the proposed configuration at Custom Enamelers, the following meter(s) have been determined appropriate for measuring effluent for Wastewater Analysis purposes:

Meter	Meter ID	Measurement Units	Location
Process Meter	2-00237	CF	Adjacent to the outdoor wash pad.
Process Meter	2-01087	G	R.O. unit

For the proposed configuration at Custom Enamelers, the following meter(s) have been determined appropriate for measuring effluent for User Charges purposes:

Meter	Meter ID	Measurement Units	Location
City Meter	7137073019	CF	South front corner of facility.

B. SPECIAL CONDITIONS

No special conditions as a result of the Effluent Discharge Configuration analysis.

III. CATEGORY EVALUATION (CE)



A. Identification as A Significant industrial user

Classification of a wastewater discharger as a Significant Industrial User (SIU) is based upon four criteria:

1. Subject to Federal Categorical Pretreatment Standards; or
2. Discharging wastewater which averages 25,000 gallons per day or more regulated process water; or
3. Discharges wastewater determined by the District to have a reasonable potential for adversely affecting the District's operation or for violating any pretreatment standard, local limits, or discharge requirement; or
4. Discharging wastewater which may cause, as determined by the General Manager, pass through or interference with the District's system.

Based on a review of the manufacturing operations, the effluent volume data, and other pertinent information, the District concludes that Custom Enamelers is an SIU based upon the following information:

average daily production discharge of 25,000 gallons per day (or more).

B. Identification of Federal Category

Based on a review of the pertinent facility details, the District finds that Custom Enamelers is appropriately regulated by the Federal Effluent Guidelines presented below:

Category	Subcategory Name
Metal Finishing	Subpart A-Metal Finishing PSNS

The District believes that an adequate review of the pertinent facts supports this determination and no other Federal Effluent Guidelines apply.

Explanation of Applicability:

"New Source" regulations are applied to this permit because the manufacturing operations commenced on or after August 31, 1982 - the new source date for the "Metal Finishing, Subpart A-Metal Finishing" subcategory.

CUSTOM ENAMELERS INC. (Custom Enamelers) performs surface finishing aluminum, cold-rolled steel, and galvanized steel parts. This facility is a medium volume job shop that conducts powdercoat, water-based, and solvent-based painting on customer-supplied parts and components for aerospace, automotive, commercial/industrial, computer, electronics, and military/defense applications. Other service operations include silk-screen printing.

The preparation of the aluminum and steel parts typically begins on the conveyORIZED wet process line which consists of a single iron phosphate tank to simultaneously clean and produce the phosphate surface conversion necessary for paint adhesion. This is followed by three counterflow rinses and a drying oven. Depending on the size, quantity, or paint specification, the parts either continue on the conveyORIZED line for powdercoat application or are directed to one of the batch paint booths. Following paint application, the parts proceed to one of the drying ovens for curing. As specified, the parts may undergo an additional screen printing operation. The completed parts receive a final inspection before packaging and shipping.

The effluent discharge at Custom Enamelers is generated by iron phosphate rinse wastestream. The iron phosphate solution is wastehailed approximately once annually. A very small quantity of water is generated on the washpad behind the building, where stripped hooks are rinsed. During this permit renewal, it was noted that the caustic strip tank is no longer in use, reportedly because it developed a leak. Hooks are now stripped in a 55-gallon drum. Also, due to concerns voiced during the previous permit renewal inspection, Custom Enamelers sealed the floor drain in the restroom, and plumbed compressor condensate to the clarifier. RO reject is plumbed downstream of the sample point. The operations are housed in one building.

Operation(s) that do not generate wastewater include masking, hole plugging, glass-bead & sand blasting, and silk-screen printing.

Waste/Wastewater generating operation(s) include caustic stripping, iron phosphate conversion, spray rinsing, and stream-cleaning.

C. Identification of Primary Category

For purposes of reporting, Orange County Sanitation District identifies a primary category for each permitted discharger. This "primary" category represents the manufacturing process which is determined to contribute the most contaminant loading to the final effluent. Identification of the primary category should not be construed as relief from regulatory requirement of other applicable categorical regulations.

This primary category represents either the entire manufacturing process; or in cases of multiple category applicability (when the combined wastestream formula is implemented) – the major manufacturing category. At Custom Enamelers, Metal Finishing, Subpart A-Metal Finishing PSNS i.e. 433.17 is identified as the primary category.

IV. LIMITS CALCULATION



Permit No. 2-1-297 Company Name: CUSTOM ENAMELERS INC.
 Effective Date: 1/1/1992

DATA ENTRY FORM FOR OPTIONAL FIELDS

PERMIT LIMITS FOR PRODUCTION-BASED CATEGORY, COMBINED WASTESTREAM FORMULA, OR BOTH

Constituents	Effective Date	Code P, C, B	Concentrations, mg/l			Mass Emission, lbs/day		
			Daily	4-Day	Monthly	Daily	4-Day	Monthly
Arsenic	1/1/1992		2			0.083		
BOD	1/1/1992					15000		10000
CN(A)	1/1/1992		1			0.042		
CN(T)	1/1/1992		1.2		0.65	0.050		
Cadmium	1/1/1992		0.11		0.07	0.005		
Chromium	1/1/1992		2		1.71	0.083		
Copper	1/1/1992		3		2.07	0.125		
Dissolved Sulfides	1/1/1992		0.5			0.021		
Lead	1/1/1992		0.69		0.43	0.029		
Mercury	1/1/1992		0.03			0.001		
Nickel	1/1/1992		3.98		2.38	0.166		
Oil & Grease Min.	1/1/1992		100			4.170		
PCB	1/1/1992		0.01			0.000		
Pesticides	1/1/1992		0.01			0.000		
Silver	1/1/1992		0.43		0.24	0.018		
Total Sulfides	1/1/1992		5			0.209		
Total Toxic Organics	1/1/1992		0.58			0.024		
Zinc	1/1/1992		2.61		1.48	0.109		

CSDOC SELF-MONITORING REQUIREMENTS AND/OR ADDITIONAL SELF-MONITORING REQUIREMENTS FOR CATEGORICAL PERMITTEES

Constituents	Sample Type	Monitoring Frequency	Reason*	Effective Date	End Date
Heavy Metals: Silver					
Cadmium					
Chromium					
Copper					
Nickel					
Lead					
Zinc					
BOD/TSS					
Oil & Grease (M)					
Total Toxic Organics (TTO) (Method 624)	G	S	R	06/01/2013	05/31/2015

*Reasons: Routine, Enforcement, ECSA, Probation, Use Fees

REPORTING REQUIREMENTS FOR METER READINGS

Constituents	Monitoring Frequency	Effective Date	End Date
Effluent Meter Read (for User Charges only)	M		
Process Meter Read (for User Charges only)	M		
Batch Read (for User Charges only)	M		



TECHNICAL REVIEW OF COMPLIANCE

For the Period April 01, 2011 thru March 31, 2013

**CUSTOM ENAMELERS INC.
18340 MT. BALDY CIR. FOUNTAIN VALLEY**

Permit No: 2-1-297

PPIR Inspection Date: April 17, 2013

**Prepared by:
Walker, Thomas
April 17, 2013**

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V. TECHNICAL REVIEW OF COMPLIANCE



A. DESCRIPTION OF FACILITY OPERATIONS

CUSTOM ENAMELERS INC. (Custom Enamelers) performs surface finishing on aluminum, cold-rolled steel, and galvanized steel parts. This facility is a medium volume job shop that conducts powdercoat, water-based, and solvent-based painting on customer-supplied parts and components for aerospace, automotive, commercial/industrial, computer, electronics, and military/defense applications. Other service operations include silk-screen printing.

The preparation of the aluminum and steel parts typically begins on the conveyORIZED wet process line which consists of a single iron phosphate tank to simultaneously clean and produce the phosphate surface conversion necessary for paint adhesion. This is followed by three counterflow rinses and a drying oven. Depending on the size, quantity, or paint specification, the parts either continue on the conveyORIZED line for powdercoat application or are directed to one of the batch paint booths. Following paint application, the parts proceed to one of the drying ovens for curing. As specified, the parts may undergo an additional screen printing operation. The completed parts receive a final inspection before packaging and shipping.

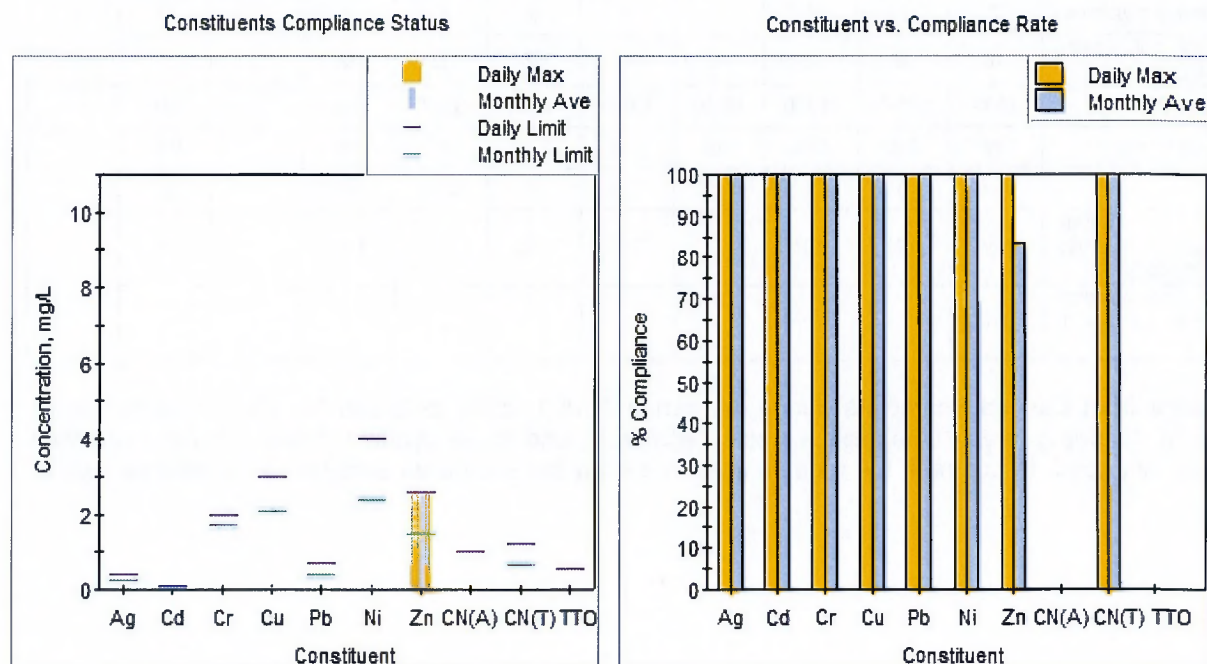
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Operation(s) that do not generate wastewater include masking, hole plugging, glass-bead & sand blasting, and silk-screen printing.

Waste/Wastewater generating operation(s) include caustic stripping, iron phosphate conversion, spray rinsing, and stream-cleaning.

Due to the manufacturing and production processes onsite at Custom Enamelers the metal finishing (ns) regulations apply (433.17).

B. OVER-ALL COMPLIANCE WITH FEDERAL CATEGORICAL PRETREATMENT STANDARDS



◆ Daily Maximum Discharge Limits

Daily Maximum Compliance Statistics for the Period Apr 01, 2011 to Mar 31, 2013											
	All HM	Ag	Cd	Cr	Cu	Pb	Ni	Zn	CN(A)	CN(T)	TTO
No. of Composite Samples in Violation	0	0	0	0	0	0	0	0	0	0	0
No. of Composite Samples Analyzed	112	16	16	16	16	16	16	16	0	2	0
Compliance Rate (%)	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00		100.00	
Concentration, mg/L	High	<dl	<dl	<dl	0.04	<dl	0.03	2.56		<dl	
	Ave	0	0	0	0.01	0	0.01	0.51		0	
	Low	<dl	<dl	<dl	<dl	<dl	<dl	0.03		<dl	
Mass Emission, lbs	High				0.003		0.002	0.083			
	Ave	0	0	0	0	0	0	0.01		0	
Daily Concentration Limits (January 1, 1992)	mg/l	0.43	0.11	2.00	3.00	0.69	3.98	2.61	1.00	1.20	0.58
Daily Mass Emission Rate Limits (January 1, 1992)	lbs	0.018	0.005	0.083	0.125	0.029	0.166	0.109			0.024

Discharge from Custom Enamellers during the period April 1, 2011 to March 31, 2013 complied in all heavy metal composite samples analyzed, and in all cyanide (total) manual composite samples analyzed. No Total Toxic Organics manual composites samples were obtained during this period. In contrast, the models used in setting the standards achieved a compliance rate of 99%. The 1994 "Model Industrial User Study" conducted by EPA Region 9 confirmed that about 60% of the industries that installed and properly operated model treatment exceeded a compliance rate of 91.67 % (no more than 1 violation in 12 samples) and most of those had no violations at all.

◆ Monthly Average Discharge Limits

Monthly Average Compliance Statistics for the Period Apr 01, 2011 to Mar 31, 2013											
	All HM	Ag	Cd	Cr	Cu	Pb	Ni	Zn	CN(A)	CN(T)	TTO
No. of Months in Violation	2	0	0	0	0	0	0	2	0	0	0
Total No. of Months considered	12	12	12	12	12	12	12	12	0	2	0
Compliance Rate (%)	83.33	100.00	100.00	100.00	100.00	100.00	100.00	83.33		100.00	
Concentration, mg/L	High	0.00	0.00	0.00	0.04	0.00	0.03	2.56		0.00	
	Ave	0	0	0	0.01	0	0.01	0.63		0	
Monthly Average Concentration Limits (January 1, 1992)	mg/l	0.24	0.07	1.71	2.07	0.43	2.38	1.48		0.65	
Monthly Mass Emission Rate Limits (January 1, 1992)	lbs										

Discharge from Custom Enamelers during the period April 1, 2011 to March 31, 2013 complied in 10 (83%) of 12 heavy metal composite samples analyzed, and in all cyanide (total) manual composite samples analyzed. In contrast, the models used in setting the standards achieved a compliance rate of 99%.

C. COMPLIANCE WITH FEDERAL STANDARDS FOR HEAVY METALS

Noncompliant Composite Sampling Results for Heavy Metals for the period Apr 01, 2011 thru Mar 31, 2013																
Date	Volume GPD	Sample Type	Ag Over		Cd Over		Cr Over		Cu Over		Pb Over		Ni Over		Zn Over	
			mg/l	Lbs	mg/l	Lbs	mg/l	Lbs	mg/l	Lbs	mg/l	Lbs	mg/l	Lbs	mg/l	Lbs
None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None

Although Custom Enamelers does not have a pretreatment system equivalent in design to the models used in originally setting the Federal Standards for heavy metals, no violation has been observed. This is reasonably expected because Custom Enamelers does not generate regulated heavy metal pollutants that need treatment prior to discharge to the sewer. Custom Enamelers is included among other categorical dischargers that do not need treatment such as powdercoaters, steel phosphaters, semiconductor plants, pharmaceuticals without cyanide and paper mills without chlorinated phenolics.

D. COMPLIANCE WITH FEDERAL STANDARDS FOR CYANIDE

Noncompliant Composite Sampling Results for Cyanide for the period Apr 01, 2011 thru Mar 31, 2013										
Date	Volume GPD	Sample Type	CN(A)				CN(T)			
			mg/l	mg/l over	lbs	lbs over	mg/l	mg/l over	lbs	lbs over
None	None	None	None	None	None	None	None	None	None	None

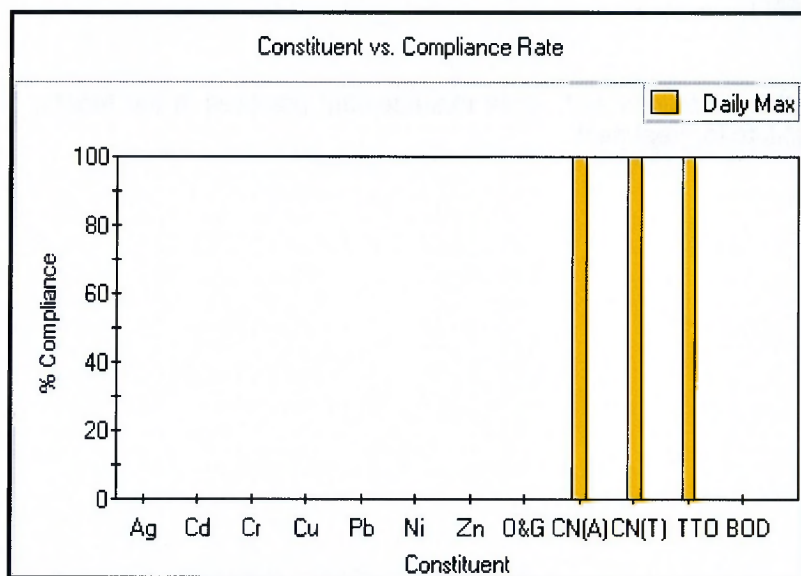
Although Custom Enamelers does not have a cyanide pretreatment system equivalent in design to the models used in originally setting the Federal Standards, no violations have been observed. This is expected reasonably because Custom Enamelers does not generate cyanide pollutants that need treatment prior to discharge to the sewer.

E. COMPLIANCE WITH FEDERAL STANDARDS FOR TOTAL TOXIC ORGANICS

Noncompliant Composite Sampling Results for TTOs for the period Apr 01, 2011 thru Mar 31, 2013						
Date	Volume GPD	Sample Type	TTOs			
			mg/l	mg/l over	lbs	lbs over
None	None	None	None	None	None	None

Custom Enamelers complies with its total toxic organics standard by eliminating the use of any toxic organics in its facility. Under the Total Toxic Organics Program, Custom Enamelers has certified that TTOs are not used or present in the facility. The Certification of Non-Use of TTOs is renewed semi-annually as part of the program.

F. COMPLIANCE WITH LOCAL LIMITS



Compliance Statistics for Instantaneous Local Limits for the Period Apr 01, 2011 thru Mar 31, 2013													
	All Samples	Ag	Cd	Cr	Cu	Pb	Ni	Zn	O&G	CN(A)	CN(T)	TTO	BOD
No. of Grab Samples In Violation	0	0	0	0	0	0	0	0	0	0	0	0	0
No. of Grab Samples Analyzed	11	0	0	0	0	0	0	0	0	5	2	4	0
% Compliance with Local Limits	100.00									100.00	100.00	100.00	
Concentration, mg/L	High									<dl	<dl	<dl	
Concentration, mg/L	Ave									0	0	0	
Daily Concentration Limits (January 1, 1992)	mg/l	5.00	1.00	2.00	3.00	2.00	10.00	10.00	100	1.00	5.00	0.58	

Custom Enamelers consistently complied with the local limits for heavy metals, cyanide (amenable & total), total toxic organics, oil & grease, and BOD.

G. COMPLIANCE WITH FEDERAL PROHIBITION AGAINST DILUTION AS A SUBSTITUTE FOR TREATMENT

Based on inspection and evaluation of the operations and waste management practices in the facility, there is no evidence of dilution as a substitute for treatment.

H. COMPLIANCE WITH THE REQUIREMENTS TO CONDUCT SELF-MONITORING

Self-Monitoring Requirements for the period Apr 01, 2011 thru Mar 31, 2013													
Qtr	Number of Self-Monitoring	Ag	Cd	Cr	Cu	Pb	Ni	Zn	CN(A)	CN(T)	TTO	BOD	624
Q4/2010-2011	Required	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
Q1/2011-2012	Required	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
Q2/2011-2012	Required	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
Q3/2011-2012	Required	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
Q4/2011-2012	Required	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
Q1/2012-2013	Required	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
Q2/2012-2013	Required	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	1	n/r	n/r	
Q3/2012-2013	Required	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	
	Done	1	1	1	1	1	1	1	n/r	n/r	n/r	n/r	

Quarterly Compliance Rate														
Qtr	Period	Ag	Cd	Cr	Cu	Pb	Ni	Zn	CN(A)	CN(T)	TTO	BOD	624	Compliance Status
4	04/01/11 to 06/30/11	100	100	100	100	100	100	100	n/r	100	n/r	n/r		Full Compliance
1	07/01/11 to 09/30/11	100	100	100	100	100	100	100	n/r	n/r	n/r	n/r		Full Compliance
2	10/01/11 to 12/31/11	100	100	100	100	100	100	100	n/r	100	n/r	n/r		Full Compliance
3	01/01/12 to 03/31/12	100	100	100	100	100	100	100	n/r	n/r	n/r	n/r		Full Compliance
4	04/01/12 to 06/30/12	100	100	100	100	100	100	100	n/r	100	n/r	n/r		Full Compliance

Quarterly Compliance Rate														
Qtr	Period	Ag	Cd	Cr	Cu	Pb	Ni	Zn	CN(A)	CN(T)	TTO	BOD	624	Compliance Status
1	07/01/12 to 09/30/12	100	100	100	100	100	100	100	n/r	n/r	n/r	n/r		Full Compliance
2	10/01/12 to 12/31/12	100	100	100	100	100	100	100	n/r	100	n/r	n/r		Full Compliance
3	01/01/13 to 03/31/13	100	100	100	100	100	100	100	n/r	n/r	n/r	n/r		Full Compliance

Custom Enamelers complied consistently with the requirements to conduct self-monitoring and submit self-monitoring reports during all quarters from April 01, 2011 to March 31, 2013.

VI. SELF-MONITORING REQUIREMENTS



A. SUMMARY

Based upon a review of the wastewater generating operations, existing pretreatment equipment, past compliance history and previous enforcement actions, the following self-monitoring requirements have been established in accordance with OCSD's policies and procedures:

Table VIII-1 – Summary of Self Monitoring Requirements

Constituent	Test Frequency	Requirement Basis	Sample Type	Start Date	End Date	SMR Reason
624	Semi-Annually	Non Standard	Grab	6/1/2013	05/31/2015	ROUTINE
CN(T)	Semi-Annually	Standard	Grab	1/1/1992		STANDARD
Cadmium	Quarterly	Standard	Composite	1/1/1992		STANDARD
Chromium	Quarterly	Standard	Composite	1/1/1992		STANDARD
Copper	Quarterly	Standard	Composite	1/1/1992		STANDARD
Lead	Quarterly	Standard	Composite	1/1/1992		STANDARD
Nickel	Quarterly	Standard	Composite	1/1/1992		STANDARD
Silver	Quarterly	Standard	Composite	1/1/1992		STANDARD
Total Toxic Organics	Semi-Annually	Standard	Grab	1/1/1992		STANDARD
Zinc	Quarterly	Standard	Composite	1/1/1992		STANDARD

B. BASIS FOR ESTABLISHING SMR REQUIREMENTS

► Standard Requirements

The standard self-monitoring requirement is the minimum required for all categorical permittees. Constituents with standard requirements are identified in Table VIII-1 under the column heading "Requirement Basis". OCSD has established the following minimum requirements for all permittees under the category shown in the following table:

Table VIII-2 – Standard Self-Monitoring Requirements for
METAL FINISHING PSNS category

Constituent	Test Frequency	Sample Type
CN(T)	Semi-Annually	Grab
Cadmium	Quarterly	Composite
Chromium	Quarterly	Composite
Copper	Quarterly	Composite
Lead	Quarterly	Composite
Nickel	Quarterly	Composite
Silver	Quarterly	Composite
Total Toxic Organics	Semi-Annually	Grab
Zinc	Quarterly	Composite

► **Non-Standard Requirements**

The non-standard self-monitoring requirements exceed the minimum requirements for constituents and/or sampling frequency. These are identified in Table VIII-1 under the column heading "Requirement Basis". The non-standard requirements are summarized in Table VIII-3 below:

Table VIII-3 – Non-Standard Self-Monitoring Requirements

Constituent	Test Frequency	Sample Type
624	Semi-Annually	Grab

The self-monitoring requirements are established during the next permit period for these reasons:
TTO requiremnt added manually.

VII. SPECIAL CONDITIONS



A. SUMMARY

Ordinal	Condition	Due Date(s)	Attachment(s)
--	Self-Monitor Requirements	by policy	A (F100)
1	No Special Conditions <i>Rationale:</i>	-	

B. DETAIL OF NON-STANDARD CONDITIONS

<none>

C. DETAIL OF NON-STANDARD ATTACHMENTS

<none>

Walker, Tom

From: Walker, Tom
Sent: Monday, May 06, 2013 11:05 AM
To: Sohanaki, Roya; Foley, Tim (TFOLEY@OCSD.COM)
Subject: FW: Spent Phosphate Solution

FYI – I will update the PPIR/Permit/cover letter.

TW

From: Walker, Tom
Sent: Monday, May 06, 2013 10:58 AM
To: 'Daryl Folmer'
Subject: RE: Spent Phosphate Solution

Thanks Daryl, I got that one wrong in my notes.

Tom

From: Daryl Folmer [<mailto:daryl.cei@sbcglobal.net>]
Sent: Monday, May 06, 2013 11:00 AM
To: Walker, Tom
Subject: RE: Spent Phosphate Solution

Hi Tom,
Is waste hauled by World Wide Env.

Regards,

Daryl Folmer

Custom Enamelers, Inc. 18340 Mt. Baldy Circle. Fountain Valley, CA 92708
DIRECT : 714-540-7885
Office: 714-540-7884
Fax: 714/540-1749
C: 714-231-9175

From: Walker, Tom [<mailto:TWALKER@OCSD.COM>]
Sent: Monday, May 06, 2013 9:18 AM
To: 'daryl.cei@sbcglobal.net'
Subject: Spent Phosphate Solution

Hi Daryl,

My supervisor wants clarification as to how this spent process solution is handled, as I recall you said it is periodically discharged to the sewer but our records indicate that it's wastehauled. Could you please let me know about that when you have the chance.

Thanks,
Thomas J. Walker

